

What is claimed is:

- 1 1. A cabinet for a home appliance, the cabinet comprising:
2 an outer panel having at least one reinforcement rib, integrally formed on an inner
3 surface of said outer panel, to protrude from the inner surface to a predetermined height; and
4 an inner panel having at least one boss, formed on an inner surface of said inner panel
5 in opposition to the at least one reinforcement rib, for joining said panels together,
6 wherein the at least one boss has a flat surface for establishing a right angle with
7 respect to the at least one reinforcement rib.
- 1 2. The cabinet as claimed in claim 1, wherein said panels are joined by a
2 welding process.
- 1 3. The cabinet as claimed in claim 1, wherein the at least one reinforcement rib
2 is welded to the at least one boss.
- 1 4. The cabinet as claimed in claim 1, wherein the at least one reinforcement rib
2 has a flat distal end surface parallel to the flat surface of the at least one boss.
- 1 5. The cabinet as claimed in claim 1, wherein the at least one boss has at least
2 one coupling groove formed in the flat surface in correspondence to the at least one
3 reinforcement rib.
- 1 6. The cabinet as claimed in claim 5, wherein the at least one reinforcement rib

2 is inserted into the at least one coupling groove.

1 7. A cabinet for a home appliance, the cabinet comprising:
2 an outer panel having a plurality of reinforcement ribs, integrally formed on an inner
3 surface of said outer panel, to protrude from the inner surface to a predetermined height; and
4 an inner panel having at least one boss, formed on an inner surface of said inner panel
5 in opposition to the plurality of reinforcement ribs, for joining said panels together,
6 wherein the at least one boss has a flat surface for establishing a right angle with
7 respect to the reinforcement ribs.

1 8. The cabinet as claimed in claim 7, wherein each of said plurality of
2 reinforcement ribs has a flat distal end.

1 9. The cabinet as claimed in claim 8, wherein the flat distal ends of said
2 plurality of reinforcement ribs lie in one plane.

1 10. The cabinet as claimed in claim 7, wherein the at least one boss has a
2 plurality of coupling grooves formed in the flat surface in correspondence to the plurality of
3 reinforcement ribs.

1 11. The cabinet as claimed in claim 10, wherein the reinforcement ribs are
2 respectively inserted into the coupling grooves.

1 12. A cabinet of a home appliance having a sectioned lid comprised of a first

2 section and a second section having one end hinge-coupled to the first section, the cabinet
3 comprising:

4 an outer panel having at least one reinforcement rib, integrally formed on an inner
5 surface of said outer panel, to protrude from the inner surface to a predetermined height; and

6 an inner panel having at least one boss, formed on an inner surface of said inner panel
7 in opposition to the at least one reinforcement rib, for joining said panels together,

8 wherein the at least one boss has a flat surface for establishing a right angle with
9 respect to the at least one reinforcement rib.

1 13. The cabinet as claimed in claim 12, wherein the other end of the second
2 section is hinge-coupled to the home appliance.

1 14. The cabinet as claimed in claim 12, wherein the first section comprises a grip
2 for manually operating the sectioned lid.